

FECN16 CWIS 171800

THIRTY DAY ICE OUTLOOK FOR THE EASTERN AND NORTHERN ARCTIC FOR MID-JUNE TO MID-JULY ISSUED BY ENVIRONMENT CANADA ON 17 JUNE 2020.

THE NEXT 30 DAY OUTLOOK WILL BE ISSUED ON 1 JULY 2020.

### **Summary for June 1 to 15.**

Average air temperatures were slightly below normal over Baffin Bay. Elsewhere, average air temperatures were near normal to above normal. Ice melt is 1-2 weeks ahead of normal over the Central Arctic and about 4-5 weeks ahead of normal in northern Baffin Bay.

### **Weather forecast for June 17 to July 15.**

Air temperatures are forecast to be above normal for the eastern and northern Arctic area.

### **Northern Baffin Bay.**

June 17-23

- Bergy water with areas of 4-6 tenths first-year ice in the northwestern and western sections.
- Elsewhere, 8-9+ tenths ice.

June 24-30

- Bergy water with patches of 1-3 tenths ice in the northwestern and western sections.
- 7-8 tenths ice with patches of 9-9+ tenths ice in the southeastern section.

July 1-7

- Bergy water with isolated patches of 4-6 tenths ice drifting from Kane Basin into the northwestern section.
- Bergy water with areas of 4-6 tenths ice in the southwestern section.
- 4-6 tenths ice with areas of 7-8 tenths ice in the southeastern section.

July 8-15

- Bergy water with isolated patches of 4-6 tenths ice drifting in from Kane Basin.
- Bergy water with areas of 1-3 tenths ice in the southwestern section.
- 1-3 tenths ice with areas of 4-6 tenths ice in the extreme southeastern section.

### **Southwestern Baffin Bay.**

June 17-21

- 9-9+ tenths first-year ice including a trace of old ice.
- Bergy water in the extreme eastern section.

June 22-30

- 4-6 tenths ice with areas of 7-8 tenths ice in the extreme northwestern section and along the coast in the western and southwestern section.
- Bergy water in the extreme eastern section.
- Elsewhere, mostly 9-9 tenths ice with some areas of 7-8 tenths ice developing.

July 1-7

- 1-3 tenths ice with areas of 4-6 tenths ice in the northwestern section.
- 4-6 tenths ice with areas of 7-8 tenths ice in the southwestern and northeastern sections.
- Bergy water in the extreme eastern section.
- Elsewhere, 7-8 tenths ice with some areas of 9-9+ tenths ice.

July 8-15

- Bergy water with areas of 1-3 tenths ice in the northwestern section.
- 1-3 tenths ice with areas of 4-6 tenths ice in the southwestern and northeastern sections.
- Bergy water in the extreme eastern section.
- Elsewhere, 4-6 tenths ice with some areas of 7-8 tenths ice.

### **Pond and Navy Board Inlets.**

June 17-July 3

- Consolidated first-year ice including a trace of old ice. Note: Forecast assumes no icebreaking or shipping activity in the area. Ice melt/fracture will be faster than forecast with the presence of shipping.

July 4-10

- Consolidated ice fracturing in Pond Inlet.

After July 10

- Consolidated ice fracturing in Navy Board Inlet and Eclipse Sound.
- 7-8 tenths ice with areas of 9-9+ tenths ice in Pond Inlet.

### **Admiralty Inlet.**

June 17-July 12

- Consolidated first-year ice.

After July 12

- Consolidated ice beginning to fracture.

### **Lancaster Sound.**

June 17-27

- Consolidated first-year ice in the extreme western section beginning to fracture.
- Elsewhere, bergy water with patches of 4-6 tenths first-year ice.

June 28- July 5

- Consolidated ice in the extreme western section fracturing completely.
- Elsewhere, bergy water with patches of 1-3 tenths ice.

July 6-15

- 7-8 tenths ice in the southwestern section.
- Elsewhere, bergy water with areas of 1-3 tenths ice.

### **Barrow Strait.**

June 17-July 3

- Consolidated first-year ice including up to 1 tenth old ice.

July 4-10

- Consolidated ice beginning to fracture in eastern section.

After July 10

- 7-9 tenths ice in the eastern section.
- Consolidated ice beginning to fracture in the western section.

## **Prince Regent Inlet.**

June 17-25

- Consolidated first-year ice continuing to fracture in the central section.
- 9-9+ tenths first-year ice in the southern section.
- 1-3 tenths first-year ice with areas of 7-8 tenths first-year ice in the extreme northern section.

June 26-July 2

- 9-9+ tenths ice in the southern and central sections.
- 1-3 tenths ice with areas of 7-8 tenths ice in the northern section.

July 3-15

- 1-3 tenths ice with areas of 4-6 tenths ice in northern half.
- Elsewhere, 9-9+ tenths ice.

## **Gulf of Boothia.**

June 17-July 5

- 9-9+ tenths first-year ice.

July 6-15

- 9-9+ tenths ice.
- Consolidated ice in Pelly Bay beginning to fracture.

## **Wellington Channel.**

June 17-July 11

- Consolidated first-year ice including up to 3 tenths old ice.

After July 11

- Consolidated ice beginning to fracture.

## **McDougall Sound.**

June 17-July 15

- Consolidated first-year ice including a trace of old ice.

## **Jones Sound.**

June 17- July 11

- Bergy water with patches of 4-6 tenths first-year ice including a trace of old ice in the extreme northwestern and extreme eastern sections.
- Elsewhere, consolidated first-year ice including up to 1 tenth old ice.

July 12-15

- Consolidated ice fracturing in the central section.
- Elsewhere, bergy water with areas of 1-3 tenths ice.

## **Norwegian Bay.**

June 17-July 15

- Consolidated first-year ice including up to 1 tenth old ice.

## **Eureka Sound.**

June 17-July 11

- Consolidated first-year ice including a trace of old ice.

After July 11

- Consolidated ice beginning to fracture in some sections.

## **Western Kane Basin.**

June 17-22

- Consolidated first-year and old ice.

June 22-30

Consolidated ice beginning to fracture.

July 1-7

- 8-9+ tenths ice in the central and northern section.
- Consolidated ice along the coast continuing to fracture.
- Elsewhere, 1-3 tenths ice with areas of 7-8 tenths ice.

July 8-15

- 7-9+ tenths ice in the central and northern section.
- Consolidated ice along the coast continuing to fracture.
- Elsewhere, 1-3 tenths ice with areas of 4-6 tenths ice.

